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June, 1937

FARM STRUCTURES PUBLICATIONS AND FARM MECHANICAL EQUIPMENT  
PUBLICATIONS OF THE BUREAU OF AGRICULTURAL ENGINEERING  
UNITED STATES DEPARTMENT OF AGRICULTURE

JUN 28 1937 ☆

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The bulletins which are available free may be obtained from the Department of Agriculture, Washington, D. C. The bulletins marked with an asterisk can be obtained only by purchase from the Superintendent of Documents, Government Printing Office, Washington, D. C., at the prices given; remittances should be sent direct to that official.

STRUCTURES AND APPURTENANCES

Farmers' Bulletins:

|             |   |     |
|-------------|---|-----|
| No. 1078-F. | Harvesting and Storing Ice on the Farm (1933).....                                  | 5¢  |
| 1132-F.     | Planning the Farmstead (1931) .....   | 5¢  |
| 1227-F.     | Sewage and Sewerage of Farm Homes (1933) .....                                      | 5¢  |
| *1285-F.    | Lime Sulphur Concentrate - Preparation, Uses and<br>Designs for Plants (1922) ..... | 5¢  |
| 1350-F.     | Beef Cattle Barns (1923) .....  | 5¢  |
| 1393-F.     | Principles of Dairy-Barn Ventilation (1924) .....                                   | 5¢  |
| 1404-F.     | Pumping from Wells for Irrigation (1934) .....                                      | 5¢  |
| 1426-F.     | Farm Plumbing (1933) .....  | 5¢  |
| *1448-F.    | Farmstead Water Supply (1933) .....   | 5¢  |
| 1460-F.     | Simple Plumbing Repairs in the Home (1925) .....                                    | 5¢  |
| 1480-F.     | Small Concrete Construction on the Farm (1933) .....                                | 5¢  |
| *1572-F.    | Making Cellars Dry (1929) .....   | 5¢  |
| *1590-F.    | Fire Protective Construction on the Farm (1930) .....                               | 5¢  |
| *1636-F.    | Farm Bulk Storage for Small Grains (1930) .....                                     | 5¢  |
| *1638-F.    | Rat Proofing Buildings and Premises (1930) .....                                    | 5¢  |
| 1643-F.     | Fire Safeguards for the Farm (1930) .....   | 5¢  |
| *1649-F.    | Construction of Chimneys and Fireplaces (1933) .....                                | 5¢  |
| 1658-F.     | Farm Water Power (1933) .....   | 5¢  |
| 1660-F.     | The Use of Logs and Poles in Farm Construction (1935) .....                         | 5¢  |
| 1698-F.     | Heating the Farm Home (1933) .....  | 5¢  |
| 1701-F.     | Cornerbills for the Corn Belt (1933) .....  | 5¢  |
| 1720-F.     | Adobe or Sun-Dried Brick for Buildings (1934) .....                                 | 5¢  |
| 1738-F.     | Farmhouse Plans (1935) .....  | 10¢ |
| 1749-F.     | Modernizing Farmhouses (1935) .....   | 5¢  |
| 1751-F.     | Roof Coverings for Farm Buildings and Their Repair<br>(1935).....                   | 5¢  |



Leaflets:

- No. \*77-L. Bracing Farm Buildings (1931)..... 5¢  
 87-L. Wind Resistant Construction for Farm Buildings (1932) 5¢

Separate Reprints from the Yearbook:

- No. 1416-Y. Meat May be Chilled and Cured Successfully in  
 a Home-made Cooling Box (1934) ..... 5¢  
 1417-Y. Potato Losses in Handling Reduced by Simple  
 Equipment. (1934) ..... 5¢

Technical Bulletins:

- No. 443-T. Application of Steam in the Sterilization of  
 Soil (1934) ..... 5¢  
 550-T. Protection of Apples and Pears in Transit  
 from the Pacific Northwest During the  
Circulars: Winter Months ..... 10¢

- No. 166-C. Suggestions for the Improvement of Old Bank  
 Dairy Barns. (1931) ..... 10¢  
 \*254-C. Greenhouse Heating (1932) ..... 5¢  
 335-C. Distillate Burners (1934) ..... 5¢  
 336-C. Cooling Milk on the Farm with Small Mechanical  
 Outfits. (1934) ..... 5¢  
 406-C. Oil Burners for Home Heating (1936) ..... 5¢

Reprint from the Journal of Agricultural Research:

- Ill.-57. Estimated Energy, Gaseous, and Water Metabolism of  
 Chickens, Turkeys, Ducks, and Geese for use in  
 Planning the Ventilation of Poultry Houses. V. 47,  
 No. 15, 1933, No. 10 ..... 5¢

Miscellaneous Publications:

- No. 125-M.P. Bibliography Relating to Farm Structures (1931) - 10¢  
 \*133-M.P. Research in Farm Structures (1932) ..... 15¢  
 \*138-M.P. Refrigeration in the Handling, Processing and  
 Storing of Milk and Milk Products (1932) ..... 10¢



MECHANICAL EQUIPMENTFarmers' Bulletins:

|             |   |    |
|-------------|---|----|
| No. 1045-F. | Laying Out Fields for Tractor Plowing (1936).....           | 5¢ |
| *1295-F.    | What Tractors and Horses do on Corn Belt Farms (1923) ..... | 5¢ |
| *1296-F.    | Changes Effected by Tractors on Corn Belt Farms(1922) ..... | 5¢ |
| *1297-F.    | Cost of Using Tractors on Corn Belt Farms (1922).....       | 5¢ |
| *1298-F.    | Cost of Using Horses on Corn Belt Farms (1922) .....        | 5¢ |
| *1299-F.    | Shall I Buy a Tractor? (For a corn belt farm)(1922)...      | 5¢ |
| *1300-F.    | Choosing a Tractor. (For a corn belt farm) (1922) ....      | 5¢ |
| *1314-F.    | Motor Trucks on Corn Belt Farms (1923) .....                | 5¢ |
| 1525-F.     | Effective Haying Equipment and Practices (1931) .....       | 5¢ |
| *1565-F.    | Shall I Buy a Combine? (1928) .....                         | 5¢ |
| 1577-F.     | Harvesting Grain Sorghums. (1928) .....                     | 5¢ |
| 1589-F.     | The Husker Shredder on Eastern Corn Belt Farms (1928) ..... | 5¢ |
| 1662-F.     | Husker-Shredders in Corn Borer Control (1931) .....         | 5¢ |
| 1690-F.     | Plowing with Moldboard Plows (1932) .....                   | 5¢ |
| 1729-F.     | Machinery for Dusting Cotton (1934) .....                   | 5¢ |
| 1748-F.     | Ginning Cotton (1935) .....                                 | 5¢ |
| 1754-F.     | Care and Repair of Mowers and Binders (1936) .....          | 5¢ |
| 1761-F.     | Harvesting with Combines (1936) .....                       | 5¢ |

Leaflets:

|           |  |    |
|-----------|--|----|
| No. 97-L. | Cross Blocking Sugar Beets by Machine (1933) ..... | 5¢ |
| 107-L.    | The Barrel Seed Scarifier (1934) .....             | 5¢ |

Technical Bulletins:

|            |  |     |
|------------|--|-----|
| No. *70-T. | The Combined Harvester-Thresher in the Great<br>Plains (1928) .....  | 15¢ |
| *121-T.    | Methods of Harvesting Grain Sorghums (1929) .....  | 10¢ |
| *244-T.    | Harvesting Small Grain, Soybeans, and Clover in the<br>Corn Belt with Combines and Binders (1931) .....  | 15¢ |
| *384-T.    | Utilization and Cost of Power on Corn Belt Farms(1933) .....   | 5¢  |
| *497-T.    | Utilization and Cost of Power on Mississippi and<br>Arkansas Delta Plantations (1936) .....  | 5¢  |
| *503-T.    | Effects of Gin Saw Speed and Seed Roll Density on<br>Quality of Cotton Lint and Operation of Gin Stands<br>(1936). .....   | 10¢ |
| *508-T.    | Effect of Artificially Drying Seed Cotton Before<br>Ginning on Certain Quality Elements of the Lint and<br>Seed and on the Operation of the Gin Stand (1936) ..... | 10¢ |



Department Bulletins:

|     |          |   |     |
|-----|----------|---|-----|
| No. | *931-D.  | Corn Belt Farmers' Experience with Motor Trucks (1931)                              | 10¢ |
|     | *997-D.  | The Cost and Utilization of Power on Farms Where Tractors are Owned (1931)          | 10¢ |
|     | *1202-D. | Tractors and Horses in the Winter Wheat Belt, Oklahoma, Kansas, and Nebraska (1924) | 10¢ |
|     | *1348-D. | An Appraisal of Power Used on Farms in the U.S. (1926)                              | 15¢ |

Circulars:

|     |         |   |     |
|-----|---------|---|-----|
| No. | *127-C. | Grain Drying at a Country Elevator (1930)   | 5¢  |
|     | *132-C. | Fighting the Corn Borer with Machinery in the Two-Generation Area (1930)                      | 15¢ |
|     | 192-C.  | Progress Report on Mechanical Application of Fertilizers to Cotton in South Carolina (1930)   | 10¢ |
|     | *264-C. | Mechanical Application of Fertilizers to Cotton in South Carolina, 1931 (1933)                | 5¢  |
|     | *287-C. | Burning for the Control of Aphids on Alfalfa in the Antelope Valley, California (1933)        | 5¢  |
|     | 292-C.  | Artificial Drying of Rice on the Farm (1933)  | 5¢  |
|     | 316-C.  | Agronomic Evaluation Tests on Mechanical Blocking and Cross Cultivation of Sugar Beets (1934) | 5¢  |
|     | 321-C.  | Use of Farm Machinery for Corn-Borer Control in the One-Generation Area (1934)                | 5¢  |
|     | 345-C.  | Barrel and Disk Seed Scarifier (1935)   | 5¢  |
|     | 361-C.  | Removing Smut Balls from Seed Wheat (1935)  | 5¢  |
|     | *393-C. | Care and Maintenance of Cotton Gin Saws and Ribs (1936)                                       | 5¢  |
|     | 399-C.  | Fertilizer Placement Studies on Snap Beans in Florida (1936)                                  | 5¢  |
|     | 415-C.  | Equipment for Applying Dust Fungicides to Seed Grain (1936)                                   | 5¢  |

Department Circular:

|            |   |    |
|------------|---|----|
| *212- D.C. | The Manufacture and Sale of Farm Equipment (1920) | 5¢ |
|------------|---|----|

Miscellaneous Publications:

|     |            |  |     |
|-----|------------|--|-----|
| No. | *38- M.P.  | Research in Mechanical Farm Equipment (1928)       | 10¢ |
|     | 142- M.P.  | Construction of Sled-Type Cornstalk Chavers (1932) | 5¢  |
|     | *157- M.P. | Power and Machinery in Agriculture (1933)          | 5¢  |
|     | 212- M.P.  | A Low-Cutting Sled Corn Cutter (1935)              | 5¢  |
|     | 239- M.P.  | The Vertical Drier for Seed Cotton (1936)          | 5¢  |